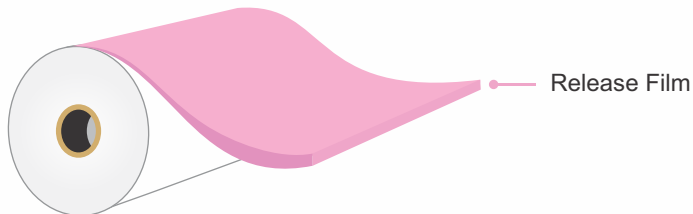


BOPET - Transparent release Film

RLF-0

Structure



Description

RLF-0 is a co-extruded, transparent BOPET film. The film is both side untreated.

Features

- High mechanical strength & durability
- Good Clarity and Transparency
- Excellent machinability properties
- Good thermal & dimensional stability

Applications

- This film grade is specially designed for silicon coating application for better release. .

Typical Values

Properties	Ref.	Units	ASTM#/Test Method	RLF-0				
Physical Data								
Average Thickness		micron	D-374-C	19	23	30	36	50
		gauge		76	92	120	144	200
		mils		0.7	0.9	1.2	1.4	2.0
Density		g/cc		1.4	1.4	1.4	1.4	1.4
Average Substance		g/m²		26.6	32.2	42.0	50.4	70
Surface tension (min.)	UT	dynes/cm	D-2578	42 - 44				
Kinetic COF (Max.)	UT/UT			0.40/0.45				
Yield		m²/Kg	D-4321	37.6	31.0	23.8	19.8	14.28
		in²/lb		26435	21795	16733	13948	10039
Optical Data								
Haze (Max.)		%	D-1003	4.0	5.0	5.5	6.0	7.0
Mechanical Data								
Tensile Strength (min.)	MD	kg/ cm²	D-882	2000	2000	1900	1900	1900
	TD			2100	2100	2000	2000	2000
Elongation (min.)	MD	%	D-882	115	115	115	120	120
	TD			95	95	95	95	95
Thermal Data								
Linear Shrinkage (Max.) (150°C/302°F, 30 min.)	MD	%	D-1204	2.0				
	TD			0.0				

CTM : Cosmo Test Method MD : Machine Direction TD : Transverse Direction CT : Corona Treated UT : Untreated

Storage & Handling : PET film needs to be stored in a warehouse below 35°C (95°F) and should not be exposed to direct sunlight, sources or high humidity. If the material is stored in the recommended conditions PET is suitable for use within 9 months from the date of dispatch

Disclaimer : The information provided above is based on COSMO FILMS conclusive tests, which are indicative only and provided as guidelines. They do not constitute a guarantee of any specific product attributes or the suitability of products for specific applications.

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